

Work Order ID 163539

Tuesday, June 27, 2017 1:32:46 PM

163539

Page 1

Item ID: D2369-3 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Locator Plate
Start Date: 6/27/2017 Start Qty: 4.00 ***4*** Cust Item ID:
Required Date: 6/29/2017 Req'd Qty: 4.00 ***4*** Customer:
Reference:

Approvals: Process Plan: DAS 21 Date: JUL 03 2017 Tooling: _____ Date: _____ Run Start ***NR1***
QC: 9-89 Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
D2369	B

100

0.01

100

FLOW WATER JET

Waterjet

Memo

0.49

FLOW CNC Waterjet

1-Cut as per Dwg D2369

Dwg Rev: BProg Rev: B

2-Deburr if necessary

(S)

06/27/07/15

110

0.00

110

QC2- Inspect parts off machine FAI/FAIB

QC

Memo

0.04

Quality Control

(S)

06/27/07/15

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
Root Cause		FAULT CATEGORY							
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐	OTHER : _____			

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120	QC8- Inspect parts - second check	0.00							
120						5			DAS 38 9-89
QC	Memo	0.08							JUL 17 2017
Quality Control									
150	Identify as per dwg & Stock Location: 81235B	0.00							
150						5x			DAS 26 9-89
Packaging	Memo	0.04							JUL 19 2017
Packaging									
160	QC21- Final Inspection - Work Order Release	0.00							
160									17/7/20 17
QC	Memo	0.40							
Quality Control									

DAS
21
9-89

JUL 19 2017

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="width:12.5%;">Skid-tube ☐</td> <td style="width:12.5%;">Cross tube ☐</td> <td style="width:12.5%;">Water Jet ☐</td> <td style="width:12.5%;">Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐																				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐																				
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Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____																							
Misidentified ☐	Past Due ☐																								

Picklist Print

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Work Order ID: 163539

163539

Parent Item: D2369-3

D2369-3

Parent Item Name: Locator Plate

Start Date: 6/27/2017

Required Date: 6/29/2017

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP Rev A Removed from 9 Digit 05-12-05 JLM
IPP Rev:B Now on Waterjet 07-05-28 JLM IPP REV:C
13.05.21 AS PER DWG REV.B VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M5052H32S.040		Purchased		No		110	sf	108.6687	1.354	5.701053			

M5052H32S 040

5052-H32 .040 Sheet

**

06/17/07/15

Location	Loc Qty	Loc Code
MAT	7.7	
m135512	7.7	
MAT022	11.4	
m134774	11.4	
MAT023	89.568684	
m1342217	1.313684	
m134617	2.1	
m136102	2.8	
m136897	11.355	
m137599	8	
m137844	64	7.5

DQA: _____ Date: _____



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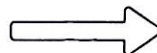
FIRST ARTICLE INSPECTION CHECKLIST

Rev	Date	Change	Revised by	Approved
A	04.06.25	New Issue P/O D350-616-015	KJ/JLM	
B	13.06.26	Dimensions updated per Dwg Rev B	KJ	

5.000
4.500

Ø 0.128
6PL

D2369-1



F W D

D2369-1 DECK PLATE LOCATOR BRACKET

0.500
0

0.940

B

5.649

B

R0.25 TYP

34.297

37.996

38.297

4.451

LABEL (D2364 UP)

0.549

35.000

38.544

39.000

SHOP COPY

RETURN TO

ENGINEERING

UNCONTROLLED COPY

SUBJECT TO AMENDMENT

WITHOUT NOTICE

WORK ORDER

NO. 163 539 M.W.

170703

5.000
4.500

Ø 0.128
6PL

F W D



D2369-3

D2369-3 DECK PLATE LOCATOR BRACKET

0.500
0

0.940

B

5.649

B

R0.25 TYP

37.641

37.990

38.297

4.490

LABEL (D2344 UP)

0.664

38.344

38.528

39.000

RELEASED
2013-05-16

NOTES:

1) MATERIAL: 6061-T6 SHEET, 0.040" THICK PER QQ-A-250/11, AMS-QQ-A-250/11, AMS 4025, AMS 4027 OR ASTM B209 (REF: DART SPEC M6061T6S.040) OR 5052-H32 ALUMINUM SHEET, 0.040" THICK AS PER QQ-A-250/8 OR AMS-QQ-A-250/8 OR AMS 4016 OR ASTM B209 (REF: DART SPEC M5052H32S.040)

2) FINISH: NONE

3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED

4) UNITS: INCHES UNLESS OTHERWISE NOTED

5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX

6) IDENTIFICATION: NONE

7) WEIGHT: 0.27 lbs

8) PROFILE PER DRAWING FILE "D2369-1-REVB.DXF" OR "D2369-3-REVB.DXF"

B	DRAWING RE-FORMATTED TO NEW STANDARD. 5052-H32 WAS 5052-H34, ADD 6061-T6 MATERIAL OPTION (ZN A8-1) 0.940 WAS 1.000, 5.649 WAS 5.709 (ZN B6-1, ZN B7-1, ZN C8-1, ZN C7-1), REF CIR13-15	DB	13.03.22
A	NEW RELEASE	BW	95.02.20
REV.	DESCRIPTION	BY	DATE
DESIGN	DB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DRAWING NO. D2369 REV. B SHEET 1 OF 1 TITLE DECK PLATE LOCATOR BRACKET NTS COPYRIGHT © 1988 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	
DRAWN	DB		
CHECKED	A.P.		
MFG. APPR.	2/1		
APPROVED	1/2		
DE APPR.			
DATE	13.03.22		